CLEAN VERSION OF EACH REPLACEMENT PARAGRAPH/SECTION/CLAIM AND INSTRUCTIONS FOR ENTRY

IN THE SPECIFICATION:

As a result of these procedures, the disease specific marker fibronectin precursors having a molecular weight of about 1356.65 daltons and a sequence of SEQ ID NO: 1, a molecular weight of about 1625.84 daltons having a sequence of SEQ ID NO: 2, a molecular weight of about 1818.97 having a sequence of SEQ ID NO: 3, and a molecular weight of about 1629.8713 having a sequence of SEQ ID NO: 4 were found to be predictive of Alzheimers disease.

IN THE CLAIMS:

1. A biopolymer marker selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3 , SEQ ID NO: 4 or at least one analyte thereof useful in indicating at least one particular disease state.

18. A kit for diagnosing, determining risk-assessment, and identifying therapeutic avenues related to a disease state comprising:

at least one biochemical material which is capable of specifically binding with a biomolecule which includes at least one biopolymer marker selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4 or an analyte thereof related to said disease state; and

means for determining binding between said biochemical material and said biomolecule;

whereby at least one analysis to determine a presence of a marker, analyte thereof, or a biochemical material specific thereto, is carried out on a sample.

29. Polyclonal antibodies produced against a marker selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4 or an analyte thereof in at least one animal host.

30. An antibody that specifically binds a biopolymer including a marker selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4 or at least one analyte thereof.

33. A process for identifying therapeutic avenues related to a disease state comprising:

conducting an analysis as provided by the kit of claim 18; and

interacting with a biopolymer selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4 or at least one analyte thereof;

whereby therapeutic avenues are developed.

34. The process for identifying therapeutic avenues related to a disease state in accordance with claim 33, wherein said therapeutic avenues regulate the presence or absence of the biopolymer selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4or at least one analyte thereof.